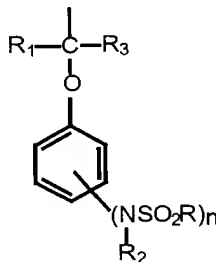


wherein

X is hydrogen or a group that can be split off by the reaction of the coupler with an oxidised colour developing agent, and

one of Y and Z is the group



wherein

each R is independently an unsubstituted or substituted alkyl or aryl group or a 5-10 membered heterocyclic ring which contains one or more heteroatoms selected from nitrogen, oxygen and sulfur, which ring is unsubstituted or substituted;

R₁ is hydrogen or an unsubstituted or substituted alkyl or aryl group,

R₂ is an unsubstituted or substituted alkyl or aryl group or a 5-10 membered heterocyclic ring which contains one or more heteroatoms selected from nitrogen, oxygen and sulfur, which ring is unsubstituted or substituted;

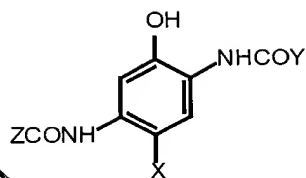
R₃ is hydrogen or an unsubstituted or substituted alkyl or aryl group,

n is 1 or 2, and each group -N(R₂)SO₂R is in the ortho or para position,

the other of Y and Z is a fluoro-substituted alkyl group or an unsubstituted or substituted aryl group or a 5-10 membered heterocyclic ring which contains one or more heteroatoms selected from nitrogen, oxygen and sulfur, which ring is unsubstituted or substituted, provided that (a) when R₂ is an unsubstituted benzyl group, n is 1 and -N(R₂)SO₂R is in the ortho position, R may not be a pyridyl group, and (b) at least one of R, R₁, R₂, X and Y or Z is or includes a ballast group.

(new) An element as claimed in claim 1 wherein R, R₁ and R₂ are independently an unsubstituted or substituted alkyl group.

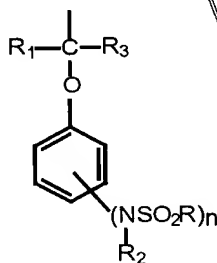
14. A photographic element comprising at least one silver halide emulsion layer having associated therewith a phenolic cyan dye-forming coupler of formula (I)



(I)

wherein

X is hydrogen or a group that can be split off by the reaction of the coupler with an oxidised colour developing agent, and
one of Y and Z is the group



wherein

each R is independently an unsubstituted or substituted alkyl or aryl group;
R₁ is hydrogen or an unsubstituted or substituted alkyl or aryl group,
R₂ is an unsubstituted or substituted alkyl or aryl group or a 5-10 membered heterocyclic ring which contains one or more heteroatoms selected from nitrogen, oxygen and sulfur, which ring is unsubstituted or substituted;
R₃ is hydrogen or an unsubstituted or substituted alkyl or aryl group,
n is 1 or 2, and each group -N(R₂)SO₂R is in the ortho or para position,
the other of Y and Z is a fluoro-substituted alkyl group or an unsubstituted or substituted aryl group or a 5-10 membered heterocyclic ring which contains one or more heteroatoms selected from nitrogen, oxygen and sulfur, which ring is unsubstituted or substituted.

15. An element as claimed in claim 14 wherein R, R₁ and R₂ are independently an unsubstituted or substituted alkyl group.

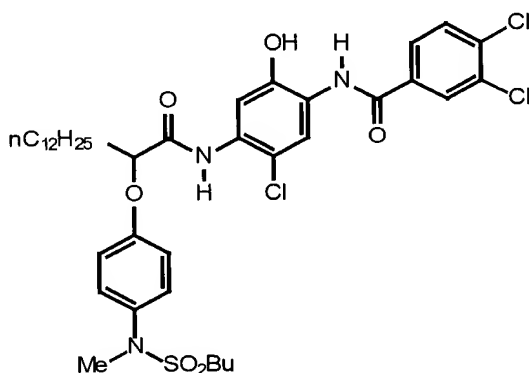
16. An element as claimed in claim 15 wherein each of R and R₂ is a lower alkyl group.
17. An element as claimed in claim 14 wherein R₁ is an alkyl group having at least 8 carbon atoms.
18. An element as claimed in claim 14 wherein R₃ is hydrogen.

Sub
B2

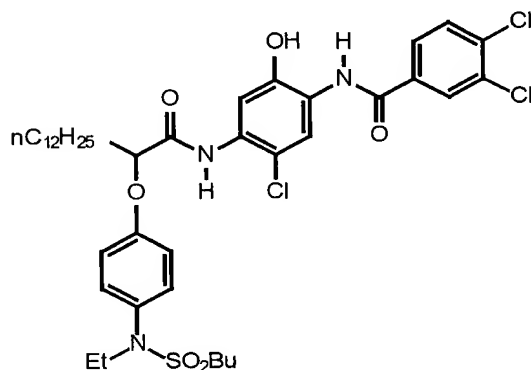
19. An element as claimed in claim 14 wherein n is 1 and the group -N(R₂)SO₂R is in the para position.

20. An element as claimed in claim 14 wherein the group Z contains the -N(R₂)SO₂R substituent and the group Y is an unsubstituted or substituted aryl group.

21. An element as claimed in claim 13 wherein the cyan dye-forming coupler has the structure

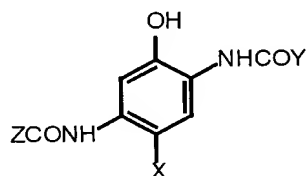


22. An element as claimed in claim 14 wherein the cyan dye-forming coupler has the structure



Sub
B3

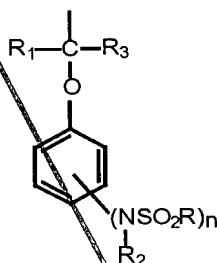
23. A multicolour photographic element comprising a support bearing yellow, magenta and cyan image-dye-forming units comprising at least one blue-, green- or red-sensitive silver halide emulsion layer having associated therewith at least one yellow, magenta or cyan dye-forming coupler respectively, wherein the element comprises at least one cyan dye-forming coupler of formula (I)



(I)

wherein

X is hydrogen or a group that can be split off by the reaction of the coupler with an oxidised colour developing agent, and
one of Y and Z is the group

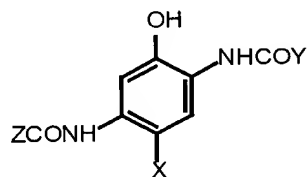


wherein

each R is independently an unsubstituted or substituted alkyl or aryl group;
R₁ is hydrogen or an unsubstituted or substituted alkyl or aryl group,
R₂ is an unsubstituted or substituted alkyl or aryl group or a 5-10 membered heterocyclic ring which contains one or more heteroatoms selected from nitrogen, oxygen and sulfur, which ring is unsubstituted or substituted;
R₃ is hydrogen or an unsubstituted or substituted alkyl or aryl group,
n is 1 or 2, and each group -N(R₂)SO₂R is in the ortho or para position,
the other of Y and Z is a fluoro-substituted alkyl group or an unsubstituted or substituted aryl group or a 5-10 membered heterocyclic ring which contains one or more heteroatoms selected from nitrogen, oxygen and sulfur, which ring is unsubstituted or substituted.

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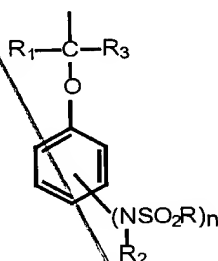
24. A process of forming an image in a photographic element after the element has been imagewise exposed to light, comprising contacting the element with a colour developing agent, the element comprising at least one silver halide emulsion layer having associated therewith a phenolic cyan dye-forming coupler of formula (I)



(I)

wherein

X is hydrogen or a group that can be split off by the reaction of the coupler with an oxidised colour developing agent, and
one of Y and Z is the group



wherein

each R is independently an unsubstituted or substituted alkyl or aryl group;
R₁ is hydrogen or an unsubstituted or substituted alkyl or aryl group,
R₂ is an unsubstituted or substituted alkyl or aryl group or a 5-10 membered heterocyclic ring which contains one or more heteroatoms selected from nitrogen, oxygen and sulfur, which ring is unsubstituted or substituted;
R₃ is hydrogen or an unsubstituted or substituted alkyl or aryl group,
n is 1 or 2, and each group -N(R₂)SO₂R is in the ortho or para position,
the other of Y and Z is a fluoro-substituted alkyl group or an unsubstituted or substituted aryl group or a 5-10 membered heterocyclic ring which contains one or more heteroatoms selected from nitrogen, oxygen and sulfur, which ring is unsubstituted or substituted.

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